

AMENDED IN ASSEMBLY AUGUST 20, 2010

AMENDED IN ASSEMBLY AUGUST 2, 2010

AMENDED IN ASSEMBLY JUNE 23, 2010

AMENDED IN ASSEMBLY JUNE 10, 2010

AMENDED IN SENATE APRIL 20, 2010

AMENDED IN SENATE APRIL 5, 2010

SENATE BILL

No. 1476

Introduced by Senator Padilla

February 19, 2010

An act to add Chapter 5 (commencing with Section 8380) to Division 4.1 of, and to repeal Section 393 of, the Public Utilities Code, relating to public utilities.

LEGISLATIVE COUNSEL'S DIGEST

SB 1476, as amended, Padilla. Public utilities: customer privacy: advanced metering infrastructure.

Under existing law, the Public Utilities Commission has regulatory authority over public utilities, including electrical corporations and gas corporations, as defined.

Existing law requires the commission to conduct a pilot study of certain customers of each electrical corporation to determine the relative value to ratepayers of information, rate design, and metering innovations using specified approaches, but prohibits this data from being used for any commercial purpose, unless authorized by the customer.

This bill would repeal the provisions relating to the pilot study.

This bill would prohibit an electrical corporation or gas corporation from sharing, disclosing, or otherwise making accessible to any 3rd party a customer's electrical or gas consumption data, as defined, except as specified, and would require those utilities to use reasonable security procedures and practices to protect a customer's unencrypted electrical and gas consumption data from unauthorized access, destruction, use, modification, or disclosure. The bill would prohibit an electrical corporation or gas corporation from selling a customer's electrical or gas consumption data or any other personally identifiable information for any purpose. ~~The~~

~~The bill would prohibit an electrical corporation or gas corporation from conditioning a customer's access to electrical or gas consumption data on the payment of providing an incentive or discount to a customer for accessing the customer's electrical or gas consumption data without the prior consent of the customers. The bill would require that an electrical or gas corporation that utilizes an advanced metering infrastructure that allows a customer to access the customer's electrical and gas consumption data to ensure that the customer has an option to access that data without being required to agree to the sharing of his or her personally identifiable information with a 3rd party. The~~

~~The bill would provide that, if the electrical corporation or gas corporation contracts with a 3rd party for a service that allows a customer to monitor his or her electricity or gas usage, and the 3rd party uses the data for a secondary commercial purpose, the utility is required to ensure contract between the electrical or gas corporation and the 3rd party shall provide that the 3rd party prominently discloses that secondary use of the data to the customer and requires the utility to provide the customer with an option to monitor his or her electricity and gas usage that is not conditioned upon the use of the data by a 3rd party for a secondary commercial purpose to the customer. The~~

~~The bill would adopt nearly identical requirements applicable to a local publicly owned electric utility with respect to electrical consumption data, as defined.~~

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 393 of the Public Utilities Code is
- 2 repealed.

1 SEC. 2. Chapter 5 (commencing with Section 8380) is added
2 to Division 4.1 of the Public Utilities Code, to read:

3
4 CHAPTER 5. PRIVACY PROTECTIONS FOR ENERGY CONSUMPTION
5 DATA
6

7 8380. (a) For purposes of this section, “electrical or gas
8 consumption data” means data about a customer’s electrical or
9 natural gas usage that is made available as part of an advanced
10 metering infrastructure, *and includes the name, account number,*
11 *or residence of the customer.*

12 (b) (1) An electrical corporation or gas corporation shall not
13 share, disclose, or otherwise make accessible to any third party a
14 customer’s electrical or gas consumption data, except as provided
15 in subdivision (e) or upon the consent of the customer.

16 (2) An electrical corporation or gas corporation shall not sell a
17 customer’s electrical or gas consumption data or any other
18 personally identifiable information for any purpose.

19 (3) *The electrical corporation or gas corporation or its*
20 *contractors shall not provide an incentive or discount to the*
21 *customer for accessing the customer’s electrical or gas*
22 *consumption data without the prior consent of the customer.*

23 (4) *An electrical or gas corporation that utilizes an advanced*
24 *metering infrastructure that allows a customer to access the*
25 *customer’s electrical and gas consumption data shall ensure that*
26 *the customer has an option to access that data without being*
27 *required to agree to the sharing of his or her personally identifiable*
28 *information, including electrical or gas consumption data, with a*
29 *third party.*

30 ~~(e) An electrical corporation, gas corporation, and any contractor~~
31 ~~of the utility shall not condition a customer’s access to electrical~~
32 ~~or gas consumption data on the payment of an incentive or~~
33 ~~discount. If~~

34 (c) *If an electrical corporation or gas corporation contracts with*
35 *a third party for a service that allows a customer to monitor his or*
36 *her electricity or gas usage, and that third party uses the data for*
37 *a secondary commercial purpose, the contract between the*
38 *electrical corporation or gas corporation shall ensure and the third*
39 *party shall provide that the third party prominently discloses that*
40 *secondary use to the customer. The electrical corporation or gas*

~~corporation shall also provide the customer with an option to monitor his or her electricity or gas usage, which is not conditioned on the use of the data by a third party for a secondary commercial purpose: commercial purpose to the customer.~~

(d) An electrical corporation or gas corporation shall use reasonable security procedures and practices to protect a customer's unencrypted electrical or gas consumption data from unauthorized access, destruction, use, modification, or disclosure.

(e) (1) Nothing in this section shall preclude an electrical corporation or gas corporation from using customer aggregate electrical or gas consumption data for analysis, reporting, or program management if all information has been removed regarding the individual identity of a customer.

(2) Nothing in this section shall preclude an electrical corporation or gas corporation from disclosing a customer's electrical or gas consumption data to a third party for system, grid, or operational needs, or the implementation of demand response, energy management, or energy efficiency programs, provided that, *for contracts entered into after January 1, 2011*, the utility has required by contract that the third party implement and maintain reasonable security procedures and practices appropriate to the nature of the information, to protect the personal information from unauthorized access, destruction, use, modification, or disclosure, *and prohibits the use of the data for a secondary commercial purpose not related to the primary purpose of the contract without the customer's consent.*

(3) Nothing in this section shall preclude an electrical corporation or gas corporation from disclosing electrical or gas consumption data as required *or permitted* under state or federal law or by an order of the commission.

(f) If a customer chooses to disclose his or her electrical or gas consumption data to a third party that is unaffiliated with, and has no other business relationship with, the electrical or gas corporation, the electrical or gas corporation shall not be responsible for the security of that data, or its use or misuse.

8381. (a) For purposes of this section, "electrical consumption data" means data about a customer's electrical usage that is made available as part of an advanced metering infrastructure, *and includes the name, account number, or residence of the customer.*

1 (b) (1) A local publicly owned electric utility shall not share,
2 disclose, or otherwise make accessible to any third party a
3 customer's electrical consumption data, except as provided in
4 subdivision (e) or upon the consent of the customer.

5 (2) A local publicly owned electric utility shall not sell a
6 customer's electrical consumption data or any other personally
7 identifiable information for any purpose.

8 (3) *The local publicly owned electric utility or its contractors*
9 *shall not provide an incentive or discount to the customer for*
10 *accessing the customer's electrical consumption data without the*
11 *prior consent of the customer.*

12 (4) *A local publicly owned electric utility that utilizes an*
13 *advanced metering infrastructure that allows a customer to access*
14 *the customer's electrical consumption data shall ensure that the*
15 *customer has an option to access that data without being required*
16 *to agree to the sharing of his or her personally identifiable*
17 *information, including electrical consumption data, with a third*
18 *party.*

19 ~~(e) A local publicly owned electric utility and any contractor of~~
20 ~~the utility shall not condition a customer's access to electrical~~
21 ~~consumption data on the payment of an incentive or discount. If~~

22 (c) *If a local publicly owned electric utility contracts with a third*
23 *party for a service that allows a customer to monitor his or her*
24 *electricity usage, and that third party uses the data for a secondary*
25 *commercial purpose, the local publicly owned electric utility shall*
26 *ensure contract between the local publicly owned electric utility*
27 *and the third party shall provide that the third party prominently*
28 *discloses that secondary use to the customer. The local publicly*
29 *owned electric utility shall also provide the customer with an option*
30 *to monitor his or her electricity usage, which is not conditioned*
31 *on the use of the data by a third party for a secondary commercial*
32 *purpose. commercial purpose to the customer.*

33 (d) A local publicly owned electric utility shall use reasonable
34 security procedures and practices to protect a customer's
35 unencrypted electrical consumption data from unauthorized access,
36 destruction, use, modification, or disclosure, *and prohibits the use*
37 *of the data for a secondary commercial purpose not related to the*
38 *primary purpose of the contract without the customer's consent.*

39 (e) (1) Nothing in this section shall preclude a local publicly
40 owned electric utility from using customer aggregate electrical

1 consumption data for analysis, reporting, or program management
2 if all information has been removed regarding the individual
3 identity of a customer.

4 (2) Nothing in this section shall preclude a local publicly owned
5 electric utility from disclosing a customer's electrical consumption
6 data to a third party for system, grid, or operational needs, or the
7 implementation of demand response, energy management, or
8 energy efficiency programs, provided, *for contracts entered into*
9 *after January 1, 2011*, that the utility has required by contract that
10 the third party implement and maintain reasonable security
11 procedures and practices appropriate to the nature of the
12 information, to protect the personal information from unauthorized
13 access, destruction, use, modification, or disclosure.

14 (3) Nothing in this section shall preclude a local publicly owned
15 electric utility from disclosing electrical consumption data as
16 required under state or federal law.

17 (f) If a customer chooses to disclose his or her electrical
18 consumption data to a third party that is unaffiliated with, and has
19 no other business relationship with, the local publicly owned
20 electric utility, the utility shall not be responsible for the security
21 of that data, or its use or misuse.